

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: David CLAPHAM et al. Confirmation No.: 1595  
Application No.: 10/697,863 Art Unit: 1646  
Filed: October 30, 2003 Examiner: S. L. Weger  
Title: SPERM-SPECIFIC CATION CHANNEL, CATSPER1 AND USES  
THEREFOR

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT (IDS)**

Dear Sir:

This Information Disclosure Statement is being filed after the mailing date of the first Office Action on the merits and before the mailing date of a final Office Action or a Notice of Allowance.

Applicants request that the Examiner initial and return a copy of the enclosed Form PTO SB-08 with the next communication.

Please charge our Credit Card with the required \$180.00 fee. The Director is hereby authorized to charge any fee deficiency or credit any overpayment to Deposit Account 08-0219, under 0110313.00135US3, from which the undersigned is authorized to draw.

Respectfully submitted,

Dated: May 12, 2011

/Michael J. Twomey/  
Michael J. Twomey  
Registration No.: 38,349  
Attorney for Applicants

Wilmer Cutler Pickering Hale and Dorr LLP  
60 State Street  
Boston, Massachusetts 02109  
(617) 526-6000 (telephone)  
(617) 526-5000 (facsimile)